

	Hits	Search Text	DBs
1	486736	(arriv\$5 near2 angl\$5) same2 (rotat\$5 near2 phas\$2) same2 (attenuat\$5) same2 ((differ\$5 or chang\$5) near2 phas\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	487177	(arriv\$5 near2 angl\$5) same2 (rotat\$5 near2 phas\$2) same2 (attenuat\$5) same2 ((differ\$5 or chang\$5) near2 phas\$5) same2 (direction\$5 near2 arriv\$5 near2 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	487199	(arriv\$5 near2 angl\$5) with2 (rotat\$5 near2 phas\$2) with2 (attenuat\$5) with2 ((differ\$5 or chang\$5) near2 phas\$5) with2 (direction\$5 near2 arriv\$5 near2 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	385267	"angle of arrival" or "arrival angle" same2 "phase rotation" same2 (attenuat\$5) same2 ("phase difference" or "phase change")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	0	(measur\$5 or calculat\$5 or estimat\$5) near2 ("angle of arrival" or "arrival angle") and "phase rotation" and (attenuat\$5) and ("phase difference" or "phase change")) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	14221	(measur\$5 or calculat\$5 or estimat\$5) near2 ("angle of arrival" or "arrival angle") or "phase rotation" or (attenuat\$5) or ("phase difference" or "phase change")) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>7</b>	<b>0</b>	(measur\$5 or calculat\$5 or estimat\$5) near2 (("angle of arrival" or "arrival angle") same "phase rotation" same (attenuat\$5) same ("phase difference" or "phase change"))) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>8</b>	<b>14221</b>	(measur\$5 or calculat\$5 or estimat\$5) near2 (("angle of arrival" or "arrival angle") same5 "phase rotation" same5 (attenuat\$5) same5 ("phase difference" or "phase change"))) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>9</b>	<b>48</b>	(375/226, 375/224, 375/316, 375/340, 375/347, 375/349, 375/346, 375/377, 370/351, 455/39, 455/500, 455/63.1, 455/63.4, 455/67.11, 455/67.13).ccls. and (measur\$5 or calculat\$5 or estimat\$5) near2 (("angle of arrival" or "arrival angle") same5 "phase rotation" same5 (attenuat\$5) same5 ("phase difference" or "phase change"))) and (antennas) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

	Hits	Search Text	DBs
10	43	(375/226, 375/224, 375/316, 375/340, 375/347, 375/349, 375/346, 375/377, 370/351, 455/39, 455/500, 455/63.1, 455/63.4, 455/67.11, 455/67.13).ccls. and (measur\$5 or calculat\$5 or estimat\$5) near2 ("angle of arrival" or "arrival angle") same5 "phase rotation" same5 (attenuat\$5) same5 ("phase difference" or "phase change")) and (antennas) and direct\$5 and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
11	185811	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near2 direction near2 angle) same2 (rotat\$5 near2 phase near2 differenc\$5) same2 attenuat\$5 and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
12	185833	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5 and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
13	1340	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and ((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
14	0	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near2 direction near2 angle near2 rotat\$5 near2 phase near2 differenc\$5 near2 attenuat\$5) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
15	0	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near6 direction near6 angle near6 rotat\$5 near6 phase near6 differenc\$5 near6 attenuat\$5) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
16	0	(arrival near6 direction near6 angle near6 rotat\$5 near6 phase near6 differenc\$5 near6 attenuat\$5) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
17	65200	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and ((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5) with2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
18	1512	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and ((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5 with2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot))) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
19	1489	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and ((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5 with2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot near2 signal\$2))) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	1399	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and ((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5 with2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>21</b>	<b>9</b>	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near2 direction near2 angle) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>22</b>	<b>0</b>	((arrival near2 direction near2 angle) near2 (rotat\$5 near2 phase near2 differenc\$5) near2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2)) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>23</b>	<b>188920</b>	((arrival near2 direction near2 angle) with2 (rotat\$5 near2 phase near2 differenc\$5) with2 attenuat\$5 with2 ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2)) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>24</b>	<b>0</b>	(arrival near2 direction near2 angle) and (rotat\$5 near2 phase near2 differenc\$5) and attenuat\$5 and ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>25</b>	<b>128</b>	(arrival near2 direction near2 angle) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>



	Hits	Search Text	DBs
26	1	(arrival near2 direction near2 angle) and ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
27	2	("5400036").URPN.	USPAT
28	1	"6717979".pn.	USPAT
29	8	("5262789"   "6064338"   "6075484"   "6141567"   "6215814"   "6278406"   "6349218"   "6377213").PN.	US-PGPUB; USPAT; USOCR
30	8	("5262789"   "6064338"   "6075484"   "6141567"   "6215814"   "6278406"   "6349218"   "6377213").PN. and @ad<"20000829"	US-PGPUB; USPAT; USOCR
31	9	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).cccls. and (arrival near2 direction near2 angle) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
32	0	(arrival near2 direction near2 angle) and ((compar\$5 or diff\$10 or distanc\$5) near2 (test or pilot) near2 signal\$2) and ((sum\$7 or add\$5 or total\$7) near2 phas\$7 near2 (chang\$7 or differen\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>33</b>	<b>3411</b>	<b>((sum\$7 or add\$5 or total\$7) near2 phas\$7 near2 (chang\$7 or differen\$7)) and @ad&lt;"20000829"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>34</b>	<b>5</b>	<b>(arrival near2 direction near2 angle) and ((sum\$7 or add\$5 or total\$7) near2 phas\$7 near2 (chang\$7 or differen\$7)) and @ad&lt;"20000829"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>35</b>	<b>10</b>	<b>(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14).ccls. and (arrival near2 direction near2 angle) and @ad&lt;"20000829"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>36</b>	<b>10</b>	<b>(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14, 375/224, 375/316, 342/385, 455/67.11).ccls. and (arrival near2 direction near2 angle) and @ad&lt;"20000829"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>37</b>	<b>0</b>	<b>attenuat\$7 near7 (phas\$3 near2 rotat\$7) near7 (arrival near2 direction near2 angle) and @ad&lt;"20000829"</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

	Hits	Search Text	DBs
38	0	attenuat\$7 near7 (phas\$3 near2 rotat\$7) near7 (arrival near7 direction near7 angle) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
39	0	attenuat\$7 with (phas\$3 near2 rotat\$7) with (arrival with direction with angle) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
40	22	attenuat\$7 with (phas\$3 near2 rotat\$7) with (arrival or direction or angle) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
41	0	attenuat\$7 with (phas\$3 near2 rotat\$7) with (arriv\$7 and (direction or angle)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
42	0	attenuat\$7 with (phas\$3 near2 rotat\$7) with (arriv\$7 and (direction\$7 or angl\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
43	23	attenuat\$7 with (phas\$3 near2 rotat\$7) with ((direction\$7 or angl\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
44	0	S40 not S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
45	126	attenuat\$7 with (arriv\$7 with (direction\$7 or angl\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
46	0	attenuat\$7 with (arriv\$7 with (direction\$7 or angl\$7)) and (phas\$7 near2 rotat\$7) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Hits	Search Text	DBs
47	34	attenuat\$7 with (arriv\$7 with (direction\$7 or angl\$7)) and (rotat\$7) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
48	25	attenuat\$7 with (arriv\$7 with (direction\$7 or angl\$7)) and (rotat\$7) and phas\$7 and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
49	8	attenuat\$7 near7 (arriv\$7 with (direction\$7 or angl\$7)) and (rotat\$7) and phas\$7 and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
50	28	attenuat\$7 near3 (arriv\$7 near3 (direction\$7 or angl\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
51	1	((estimat\$7 or determin\$7) near2 attenuat\$7) near3 (arriv\$7 near3 (direction\$7 or angl\$7)) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
52	20	phase near2 differen\$7 near2 between near2 (antenna\$7 or receiv\$7) with (phas\$7 near2 rotat\$7) and @ad<"20000829"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
53	4	("3611381"   "4148031").PN. OR ("5400036").URPN. and @ad<"20000829"	US-PGPUB; USPAT; USOCR
54	2	total near2 phase near2 difference near2 between near2 antennas and @ad<"20000829"	US-PGPUB; USPAT; USOCR
55	2368	stop\$7 near2 clock\$7	US-PGPUB
56	57	S58 and 375/???.ccls.	US-PGPUB

	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>57</b>	<b>10</b>	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14, 375/224, 375/316, 342/385, 455/67.11).ccls. and (arrival near2 direction near2 angle) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>58</b>	<b>10</b>	(375/226, 375/227, 375/340, 375/346, 375/347, 375/349, 324/76.11, 324/76.12, 324/76.13, 324/76.25, 324/76.18, 324/76.19, 324/77.11, 324/76.33, 324/76.77, 342/147, 342/157, 342/159, 342/165, 342/350, 342/417, 455/39, 455/67.13, 455/67.14, 375/224, 375/316, 342/385, 455/67.11, 375/147,140,130).ccls. and (arrival near2 direction near2 angle) and @ad<"20000829"	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>59</b>	<b>60</b>	<b>brunel-loic.in.</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>
<b>60</b>	<b>10</b>	<b>brunel-loic.in. and antenna\$3.clm.</b>	<b>US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB</b>

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